Title (en)

CLEANLY REMOVABLE TAPES AND METHODS FOR THE MANUFACTURE THEREOF

Title (de)

SAUBER ABLÖSBARE BÄNDER UND DEREN HERSTELLUNG

Title (fr)

BANDES POUVANT ETRE RETIREES PROPREMENT ET PROCEDES DE FABRICATION DE CES BANDES

Publication

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Application

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Priority

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Abstract (en)

[origin: US2003190464A1] The present invention provides a multi-layer tape, comprising: a first adhesive layer comprising a pressure sensitive adhesive; a core layer having an outer surface, the first adhesive layer adhered to at least a portion of the outer surface; and fibrous reinforcing material dispersed within the core layer, the fibrous reinforcing material imparting stretch release properties to the tape. The tape may comprise a second adhesive layer wherein the outer surface comprises a first major surface and a second major surface, the first adhesive layer being adhered to the first major surface, and the second adhesive layer being adhered to the second major surface. A fire retardant may be disposed in any of the first adhesive layer, the second adhesive layer, and the core layer. The tape may be cleanly removable. The fibrous reinforcing material typically comprises substantially continuous viscoelastic microfibers having a yield strength and a tensile break strength, and the tensile break strength is at least about 150% of the yield strength. In another aspect, the tapes of the invention may be formulated to be cleanly removable without including fibrous reinforcing material therein. The invention also provides a method for the manufacture of the foregoing tape as well as an assembly comprising: a substrate; a carpet overlying the substrate; and a tape according to the invention disposed between the carpet and the substrate and adhering the carpet to the substrate.

IPC 8 full level

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